infinias

Intelligent IP Security Solutions

- ▶ Access Control
- ▶ Video & Data Management

Simple. Scalable. Secure.

About Us

infinias is an independent manufacturer of two distinct, innovative and industry-leading IP security technologies: infinias-branded IP access control solutions, and DIGIOP-branded IP video and data management solutions.

The infinias Advantage

The infinias product line features the ground-breaking eIDC^{32} – Ethernet Enabled Integrated Door Controller. The first-ever PoE-powered door controller – introduced to the market in 2005, this highly-scalable device remains the smallest, most powerful, IP-based door controller available today. Paired with the eIDC^{32} is infinias' powerful Intelli-M™ Access software – a highly scalable, easy-to-use, browser-based access control management application. Available in Essentials, Professional and Corporate versions, these feature-rich solutions are perfect for virtually any access control application – from single door facilities to multi-door, multi-building, and multi-site installations.

The DIGIOP Advantage

The DIGIOP line features the brand's flagship product, DIGIOP ELEMENTS™ - a powerful video management software application that offers simple, user-friendly tools designed to quickly locate critical video. DIGIOP ELEMENTS also supports data integration, allowing users to associate video with data from external devices, providing immediate video verification of suspicious activity and other events. DIGIOP ELEMENTS is available as software only, or pre-installed on DIGIOP's complete line of purpose-built network video recorders and FlexVR™ hybrid video recorders. DIGIOP systems come pre-licensed and fully enabled, allowing users to add up to 32 analog or IP cameras – and change at any time. Licenses never expire and there are no recurring fees, minimizing total cost of ownership.

Our Company

infinias' engineering, product development, sales and technical support teams are located at the company's headquarters in Indianapolis, Indiana. The company is led by Wayne Jared, former CTO of Observint Technologies and Director of Engineering for Schneider / Integral Technologies. Infinias' parent company, Observint Technologies, is owned by The Carlyle Group, a global alternative asset manager.

Table of Contents

Intelligent IP Access Control

Every element of the infinias Intelli-M access control solution – from door controller, to software, to server – is engineered to deliver unparalleled simplicity, scalability, and security.

eIDC^{32} Single Door Controller: Small, Powerful, Scalable

This small, yet powerful edge-based single door controller installs inside a double gang box, mounts at the door and connects to the closest network switch with a single CAT5/6 cable.

The PoE-powered eIDC^{32} leverages existing network infrastructure for delivery of both data and power for the controller and peripheral door hardware.

As your needs grow, simply add an eIDC^{32} door controller and connect a CAT5/6 cable to the nearest network switch.

Intelli-M Access Software:
A Customized Experience, with Unlimited Licensing

Intelli-M Access is a scalable and easy-to-use browser-based access control management application, eliminating the need to install client software and manage updates.

Available in Essentials, Professional and Corporate versions, these feature-rich solutions are perfect for virtually any access control application – from single-door to multi-door, multi-building, and multi-site installations.

Intelli-M features unlimited door licensing to minimize total cost of ownership. It supports mobile-phone based credentials in addition to traditional cards and keyfobs.

Pre-Installed Servers:
Optimized Performance, Out of the Box

Intelli-M Access is available as a software only solution, or pre-installed on infinias' purpose-built servers. Server options include a desktop/wall mount 32 door server and a rack-mount 128 door server.

For optimal performance of Intelli-M Access software only solutions, we recommend: Windows 7 Professional or higher and Windows Server 2008 R2. Because many rules within the rules engine run at the server, we highly recommend a dedicated server with appropriate backup power for installations leveraging advance features.
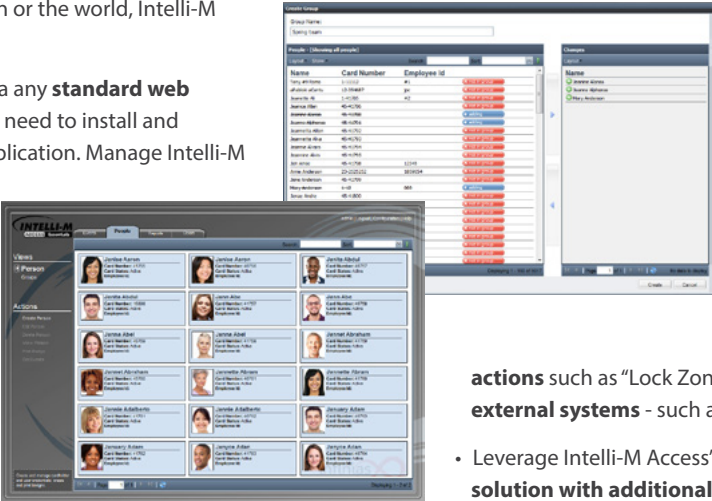

**Pre-installed with
Intelli-M Access Software**

Intelli-M Access® Software

Intelli-M Access® is a browser-based access control management application, delivering cutting-edge features to easily manage single-door to enterprise-wide access control installations. Intelli-M Access® delivers the ultimate in simplicity, scalability, and security:

- Intelli-M Access uses a **highly scalable architecture** to deliver access control for installations of any size. From simple single-door implementations, to complex installations with hundreds of doors and thousands of cardholders in a single facility or with multiple locations across town or the world, Intelli-M Access has a solution.

- Intelli-M Access is available via any **standard web browser** – and eliminates the need to install and maintain a client software application. Manage Intelli-M Access from anywhere you can run a standard Internet browser that supports JavaScript. Intelli-M can also be accessed via most **smart phones and tablets,** including iPad, iPhone, and Android.

- **View events and alarms,** generate reports, and monitor the status of devices using the simple yet powerful user interface.

- **Configuring doors** is a snap. Intelli-M provides pre-installed templates and wiring diagrams to simplify the process, helping to get an installation up and running in minutes.

- The People tab makes **finding users** simple – regardless of the size of your system. Intelli-M features visual formatting and selectable inputs that allow you to search based on single or multiple data fields, across single or multiple locations, instantaneously.

- **Print badges** for a single individual from the people page, or in bulk from the reports page.

- **Design badges and customized reports** using Microsoft's Report Builder, a free design tool.

- Use advanced features such as **"Lock All Doors"** and **"Momentary Unlock"** to safely and easily manage a site. All functions can be performed remotely over your iPhone or laptop, for the ultimate in convenience and peace of mind.

- **Create Schedules and Holiday Sets** quickly and easily with an intuitive click-and-drag interface. Simply associate events with devices and your system knows exactly when to unlock a door – and when the entrance should remain secure.

- **Multiple security roles** allow you to provide system access to as many users as you'd like, while controlling specific permissions at the individual or group level.

- **Live Muster** displays the image of cardholders in zones configured for Muster monitoring.

- Build and customize features your way using the highly extensible **Rules Engine.** This powerful system component provides the ability to use basic capabilities such as "Lock Zone" or "Record Video" to build tailored access control features.

- Program events to **trigger internal actions** such as "Lock Zone" or send e-mail, or to **communicate with external systems** - such as initiating recording on a remote DVR.

- Leverage Intelli-M Access' open API to **integrate your access control solution with additional external devices**, sources of data, and system applications. The possibilities are virtually endless.

- infinias solutions also support **Video Integration** with industry leading video surveillance platforms, providing a robust and complete physical security solution. Visit www.infinias.com for a complete list of our integration partners.

Installing Intelli-M Access

Intelli-M Access® is available as a software only solution, or pre-installed on infinias' purpose-built servers.
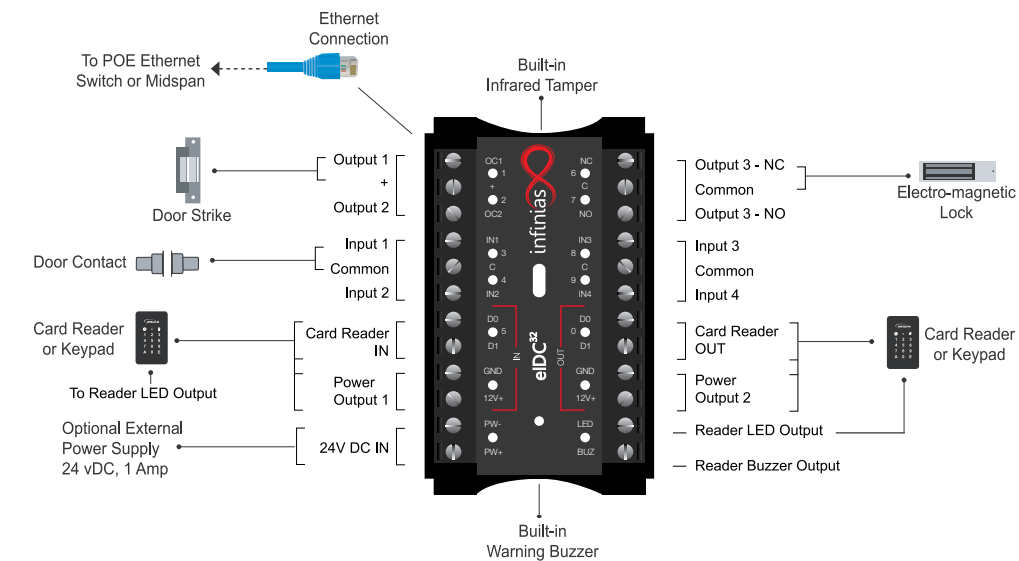
Comparison Chart

FEATURES	Intelli-M Access Essentials is our standard software package, and provides a feature-rich access control solution suitable for most end-users and applications. **S-BASE-KIT**	Intelli-M Access Professional supports advanced scheduling requirements, including LDAP support for Active directory integration, calendar integration with Microsoft Outlook and Exchange, and Google Calendar integration. Perfect for Schools, Hospitals, and other single-site facilities. **S-IA-PRO** REQUIRES S-BASE-KIT PURCHASE FOR NEW INSTALLATION	Intelli-M Access Corporate provides additional multi-tier support, specifically designed for efficient management of multi-facility, multi-location installations. **S-IA-CORP** REQUIRES S-BASE-KIT PURCHASE FOR NEW INSTALLATION
IP-based Access Control	✔	✔	✔
PoE (Power over Ethernet Support)	✔	✔	✔
Browser-based User Interface	✔	✔	✔
Momentary Unlock	✔	✔	✔
Lock All Doors	✔	✔	✔
Unlimited Schedules	✔	✔	✔
Holiday Schedules	✔	✔	✔
Multiple Security Roles	✔	✔	✔
Badging	✔	✔	✔
Live Muster	✔	✔	✔
Built-in Standard Reports	✔	✔	✔
Customizable SQL Reports	✔	✔	✔
Rules Engine (For user defined configuration)	Standard	Advanced	Advanced
iPhone, iPad and Android Support	✔	✔	✔
Virtual Machine Support	✔	✔	✔
Video Integration*	Includes DIGIOP only	✔	✔
Elevator Control (RLY16-RM)		✔	✔
LDAP Support for AD Synchronization		✔	✔
MS Outlook/Google Calendar Integration		✔	✔
Requires Certification		✔	✔
Multi-tier Management			✔
Number of Events	Unlimited	Unlimited	Unlimited
Number of Doors	Unlimited	Unlimited	Unlimited
Number of Cardholders	Unlimited	Unlimited	Unlimited
Door Licensing	Unlimited	Unlimited	Unlimited

Visit infinias.com for a complete list of our integration partners including: DIGIOP, Pelco Digital Sentry, Exacq, American Dynamics, Vicon and Milestone.

The eIDC³² Door Controller

More Power. More Control.

The eIDC³² delivers the power you need in the smallest form factor in the industry. The high-performance eIDC³² door controller can handle more cards, more schedules and more functions than any single door controller on the market – making it an advantaged solution for virtually any access control installation.

Ethernet Connection
To POE Ethernet Switch or Midspan
Built-in Infrared Tamper

Output 1 +
Output 2
Door Strike

Input 1
Common
Input 2
Door Contact

Card Reader IN
Card Reader or Keypad
To Reader LED Output

Power Output 1
Optional External Power Supply 24 vDC, 1 Amp
24V DC IN

Built-in Warning Buzzer

Output 3 - NC
Common
Output 3 - NO
Electro-magnetic Lock

Input 3
Common
Input 4

Card Reader OUT
Card Reader or Keypad

Power Output 2

Reader LED Output
Reader Buzzer Output

▶ **Convenient IP Address Discovery**

The eIDC³² is the only door controller in the industry that flashes its IP address during startup for automatic IP address discovery.

More Inputs and Outputs. Greater Support.

Each door controller supports up to two readers per door and features multiple configurable inputs and outputs, providing enhanced support and flexibility at every door.

Simple Installation. Easy Scalability.

The compact eIDC³² conveniently fits inside a double gang box, easily mounted at the door for a quick and painless installation. Add one or more doors as your needs grow. Simply add an eIDC³² door controller and connect a CAT5/6 cable to the nearest network switch.

Quality Tested. Rest Assured.

Every eIDC³² door controller is thoroughly tested – under extreme-use conditions for 7 consecutive days – before shipping to our customers, to ensure a trouble-free user experience. infinias' extensive end-to-end quality control process ensures seamless operation across every platform.

Installation and wiring with the double-gang box

PoE Switch

1 Use the surface mount box to install the eIDC³² at the door, keeping door wiring as short as possible

2 Run one CAT5/6 cable from the eIDC³² to the nearest PoE switch

Power separately any devices that require more power than the available PoE budget supports.

Please refer to the eIDC³² specification sheet for detailed power budgets.

The Power to Do More

The PoE-powered eIDC³² is engineered to provide local power for door strikes, readers, and additional door hardware peripherals – reducing wiring complexity, and providing unmatched convenience and flexibility.

Powered Outputs

Each eIDC³² is equipped with two open collectors supporting up to 450 mA of combined power. This powerful feature allows the device to power the door strike or other equipment such as a connected horn or alarm.

Unlock Mag Locks

The eIDC³² features a Form C relay rated for 5A and 250V that can be used to control the energized or de-energized state of a mag lock.

Note: an external power source is needed to fully power the magnetic lock.

MORE Power…

Additionally, the eIDC³² door controller is capable of providing power for other connections and devices, such as:

- Motion sensor
- Strikes, horns and lights
- Low power Mag locks
- Card reader/reader with keypad (up to two total)

Proven Reliability. Unlimited Scalability.

Over 50,000 infinias eIDC³² controllers are currently deployed around the world, for installations ranging from single-door applications to globally distributed systems approaching 1,000 total doors.

Add Doors as Your Needs Grow

infinias access control solutions are designed to easily scale with your needs and your budget. Intelli-M Access software supports an unlimited number of doors, allowing you to add doors to your system at any time by simply installing an eIDC³² controller at the door and connecting to your network. infinias delivers simple, straightforward scalability with no hidden costs or fees.

Power Output:

- The total maximum power that the controller can provide is 750 mA at 12 V. (This includes the open collectors as well as both card reader sections.)
- The total available power from the open collectors of the controller is 450 mA at 12 V.
- You must stay within available power capacity for both open collector budget and maximum power listed above.

CASE STUDY

CoorsTek's Global Solution: infinias Used in 10 Facilities, 4 Countries, 3 Continents

CoorsTek is a leader in technical ceramics for nearly every segment of the global economy. They were first introduced to Intelli-M in 2006, during a sales presentation by Integral Technologies. Successful implementation of a single door at a manufacturing facility in Tennessee eventually grew to over 150 highly-scalable infinias eIDC³² controllers at ten different facilities in 4 countries on 3 continents, and replaced 5 different competitive products. CoorsTek IT Manager, Scott Weisgerber said, "The simplicity, reliability and flexibility of the eIDC³² controller and Intelli-M Access management application have all been factors in establishing infinias as the primary access control solution at CoorsTek."

Read the full case study and access our complete library at www.infinias.com.

Servers & Devices

infinias offers a complete line of purpose-built servers to support any access control application. All servers come with Microsoft Windows and Intelli-M Access Software (unlimited door license) pre-installed, pre-configured and fully licensed.

Intelli-M Access Server32

S-SVR32-IMS-A

The Intelli-M Access Server32 provides support for up to 32 doors. Hardware includes professional-grade hard drive(s) and an internal flash drive for durability and easy recovery. The Server32 comes pre-installed with MS Windows 7 Professional operating system. Server32 includes a flash drive and is pre-configured to automatically backup critical data five times a week and keep the 10 most recent copies available. The Server32 comes complete with Intelli-M Access Software, pre-installed, and fully licensed. Simply plug it in and you're ready to go!

Certified up to 32 doors*

Capacity may vary based upon the complexity of your installation requirements.

Intelli-M Access Server128

S-SVR128-IMS-A   **Certified up to 128 doors***

This robust server is ideal for high door counts, and can comfortably support systems of up to 128 doors. The Server128 features dual 1GB NIC cards – one for corporate network, one for security network/VLAN – to easily use the Server128 as a router to isolate the eIDC^{32} door controllers from the rest of your network. The Server128 comes pre-installed with Windows 7 Professional operating system. Server128 includes a flash drive and is pre-configured to automatically backup critical data five times a week and keep the 10 most recent copies available. The Server128 comes complete with Intelli-M Access Software, pre-installed, pre-configured, and fully licensed. Just slide it into a rack and turn it on!

Capacity may vary based upon the complexity of your installation requirements.

16 Relay Output Device

S-RLY-16-RM

The 16 Relay Output Device is a rack-mountable, PoE-powered device created specifically for elevator control. The 1U rack mountable unit features 16 outputs, each with a Form C relay onboard. This makes for easy installation and connection to elevator control panels. Utilize the rules engine within Intelli-M Access to provide credential holders with access to specific floors.

Available only with PRO or CORP Editions

High Density I/O Device

S-IO32-RM

The High Density I/O Device is rack-mountable and PoE-powered I/O device. Simply wire input/output connections from the two access ports of the eIDC^{32} to the S-IO32-RM input/output ports via screw terminals. Great for input monitoring, the I/O device aggregates up to 32 inputs in a clean 1U rack mountable form factor. Utilize the rules engine within Intelli-M Access to build features requiring multiple inputs or outputs, such as monitoring of sensors around a building.

The S-IO32-RM's I/O ports are fully configurable to be either inputs or outputs in Intelli-M Access.

Available only with PRO or CORP Editions

Select the Perfect Solution for Your Application

Creating an infinias access control solution is a simple process. To start, it's helpful to know the number of doors you want to secure with infinias.

① Start with Essentials
Choose a Software-only or a Ready-to-Go Server Solution

- S-BASE-KIT – Software-only
- S-SVR32-IMS-A – certified to 32 doors
- S-SVR128-IMS-A – certified to 128 doors

All software includes unlimited door licenses. Intelli-M Access can support large, distributed installations exceeding 1,000 doors. For help determining the hardware requirements for your project, please contact a trained infinias sales consultant.

All server options include a sampling of credentials and a security hex wrench. Servers include both operating system and Intelli-M Access software, pre-installed, pre-configured and fully licensed.

② Need More Features?
Upgrade your Software for More Capability

If your installation requires advanced features, consider upgrading by purchasing our add-on software:

- Upgrade to Intelli-M Access Professional and get LDAP and Calendar integration (S-IA-PRO)
- Upgrade to Intelli-M Access Corporate and get Professional plus tiered management for multi-site installations (S-IA-CORP)

③ Hardware
Repeat Once for Every Door

Add a door kit for each door Choose a door kit based on your needs:

Which Door Kit?	eIDC^{32}	Enclosure	Reader	Strike	Door Sensor
Controller Only* (S-EIDC^{32})	✔				
Kit without Strike and Sensors S-DOOR-KIT-WH *Recommended when upgrading from a previous AC solution*	✔	✔	HID		
Full Kit with Strike & Sensors S-DOOR-KIT-WH-ST *Full kit for greenfield installation*	✔	✔	HID	✔	✔

*Need a surface mount box? Add part number S-SMB-5075 for each S-EIDC^{32} you order.

④ Credentials
Complete the Solution

Why worry about compatibility issues when you can source everything you need from a single provider? infinias offers a broad selection of cards, FOBs, printers and readers – carefully selected to work seamlessly with Intelli-M Access solutions. Call your sales consultant for help in selecting the perfect components for your application.

Mobile Credential

infinias Mobile Credential provides convenient access control, allowing authorized users to request door access from their iPhone or Android phone – with the touch of a button.

Convenience – Request Access to the doors at your facility with a touch of your phone. Mobile Credential is iOS and Android compatible and allows authorized users access to designated doors.

Increased security – If a phone goes missing, the phone owner usually notices right away, unlike a card or fob that could go unnoticed or unreported for days. Phones are also less likely to be shared. Using a smartphone as a credential provides an increased layer of security by allowing users in a corporate setting to capitalize on their corporate mobile device policies to require authenticated device unlock by pin, gesture or biometric, effectively adding multi-factor authentication to Mobile Credential.

Log of events – infinias Intelli-M Access software provides a record of each access control event and transaction, documenting each time a user's mobile phone is presented for use.

Consistent credential management – If a phone is lost or an employee is terminated the credential can immediately and easily be deactivated to prevent unauthorized access.

How to Buy

infinias Mobile Credential License Packs

Available in 10, 20, 50 and 100-pack increments. Each license authorizes one Android phone or iPhone.

The Video and Data Management Platform
that Grows with Your Business

Simple Licensing

Digiop's unique Open License allows you to add up to 32 cameras (analog or IP) per system with a single purchase

Grow-as-you-Go

A scalable architecture designed to support you as your business needs grow

Cloud Management

DIGIOP ELEMENTS ™ offers a web-based portal for video and data management that allows administrators to configure systems, cameras, user permissions, and install remote system upgrades across single- or multi-site enterprises from anywhere they have access to the cloud

Unified Dashboard

A single, user-friendly interface that provides access to your business-critical video and data intelligence

Seamless Data Integration

Integrate surveillance video with data from third-party applications and devices

---

DIGIOP ELEMENTS is pre-installed on ALL DIGIOP Recording Solutions!

DIGIOP server solutions are pre-installed with DIGIOP ELEMENTS to take advantage of Open IP License:

- ALL channels enabled
- Licenses NEVER expire
- NO recurring fees

With DIGIOP, you pay once, and you use what you want!

DIGIOP Recording Solutions

These NVR and hybrid recording servers are loaded with powerful new features designed to enhance your surveillance system and lower your total cost of ownership.

Di Series IP Servers

DIGIOP Di Series 32-channel NVRs come equipped with DIGIOP ELEMENTS™ VMS suite with a 32-camera Open IP License that enables you to add as many cameras as you need—when and where you need them.

Windows 7 64-bit Embedded

DH and DM Series Hybrid Servers

FlexVR™ DIGIOP's DM Series MPEG-4 Hybrid FlexVR line and DH Series Real-time Hybrid FlexVR line extends beyond traditional hybrid DVRs to provide channel flexibility. FlexVRs provide the flexibility to choose the number of analog and IP cameras you want to connect to the system—within the allotted total number of channels supported by the DVR—without pre-determined channel limitations.

Never Pay for Camera Licensing Again

All DIGIOP servers feature DIGIOP's unique **Open IP License.** When you purchase a DIGIOP server, all channels are open—enabling you to add as many cameras as you need (up to the 32-channel max per system), WITHOUT having to purchase additional licenses. Plus—there are NO recurring fees!

Extended Storage Options

Larger hard drives allow you to store more video footage for a longer period of time. These new DIGIOP servers feature storage options up to 14TB.

Supports Local Live-streaming

Use DIGIOP servers as live local viewing stations—our Intel i5 and i7 processors can withstand the demands of live local view, without affecting performance.

Pre-Installed with DIGIOP ELEMENTS

ALL DIGIOP recording solutions ship pre-installed with DIGIOP ELEMENTS, our powerful VMS suite. Find your video faster with multiple search options and integrate with POS, alarms, and more!

What model is right for me: Core vs. Performance? Core systems use an i5 processor, whereas Performance models have an i7 processor. A faster i7 processor allows you to view more live channels at one time at full megapixel resolution. If you want to live-view more channels directly on the box, Performance is for you.

NT Series Mini NVR Recording Solutions

- Customized IP appliance
- Up to 16 IP licenses included, all fully enabled
- Intel Dual Core Atom CPU, 2GB RAM
- Open architecture supports a wide range of IP cameras
- Preinstalled with DIGIOP ELEMENTS
- max recording capability: 16 Channels @ 5fps on 2.0MP*

Powerful IP Video & Data Management

DIGIOP ELEMENTS™ is a video and data management platform that gives stakeholders the ability to view integrated video and data in a single, user-friendly interface, and find the video they need, FASTER.

Systems List

Groups List

Tours List

Video from High Resolution MP, IP and Analog Cameras

Video from Intelligent Analytic Devices

Graph Displaying People Counting Statistics

Real-time Conversion Rate Information

System Health Graph - CPU Usage

Integrated Transactional Data from POS or Other Data and Devices

Exception Transaction Data

Video from High Resolution MP, IP and Analog Cameras

System Heath Graph - Storage Usage

User-friendly Dashboard

Intuitively display both video and data from multiple sources together in a unified, easy-to-use dashboard.

Thumbnail Search & Auto Enlarge

Thumbnail search option quickly navigates through recorded video by viewing thumbnails of video segment within a defined search timeline. Thumbnail search allows users to precisely identify when specific event. Simply mouse over thumbnails to enlarge the frame of the video to identify the desired part of the video.

Groups & Tours

For automated viewing ability, users can select the number of camera devices and data streams from single or multiple systems, place them into a custom layout and create a group. Once custom groups are formed, users can assign specific duration time and order for each group and create a tour. The tour can then be played, paused, and manually stepped back or forwarded to view next images.

Digital Zoom

The *Digital Zoom* tool lets users examine any video more closely with a simple mouse gesture.

• **Live & Playback** – use zoom on live or recorded video

• **Works with Analog, IP & Megapixel Cameras** – results are only limited by a camera's resolution

Notifications Engine

Notifications are alerts that bring attention to events. Events can be everything from the system not recording, the system being offline, video loss from a camera to system loss. Notifications can also be generated by an *Action* that is triggered when a defined *Rule* is broken. When notifications appear, they can be managed and tracked to resolution.

• **Assign To** allows an Admin user to assign the notification to a system user.

• **In Progress** allows users to indicate which notification they are currently working to resolve.

• **Add Comments** allows a user can add comments that will be visible in the description field.

• **Complete** allows a notification to be marked as complete so it will no longer be visible on the notifications tab. Completed items, comments, and assignments are searchable.

How Do I Manage My System?

Cloud Hosting

• Perfect for single- and multi-site deployment of systems

• Requires Internet connection

• All system settings are saved to DIGIOP hosted web portal - elements.digiop.com

• Servers are centrally-managed and can be accessed from anywhere

• Reduces DIGIOP® Connect client configuration time

• Enables centralized management of multiple user roles and permissions

• Provides failover capability in the event of local hardware failure

• Allows access to server-level remote upgrades for future product enhancements

Locally Managed Systems

• Perfect for small, single-site deployment

• No need for Internet-connected server

• All settings are saved on the local server

• Servers must be accessed individually to manually change system settings

Easy-to-Use Administration

DIGIOP ELEMENTS™ offers a web-based portal for video and data management that allows administrators to configure systems, cameras, users and permissions across single- or multi-site enterprises from anywhere they have access to the cloud.
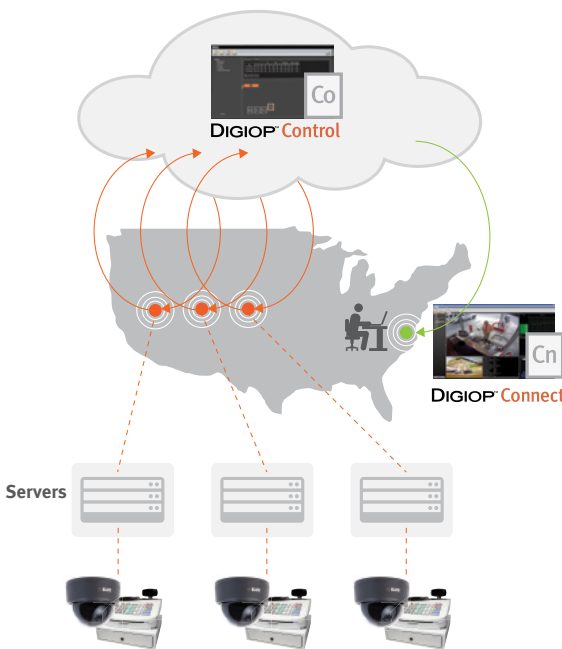
Easy Set-up and Operation

• Centralized configuration of systems, devices, users

• IP device auto-discover, auto-configure, and auto-record

• Enterprise deployment fail-over

Remote Permission Management

Administrators can configure permissions across single- or multi-site enterprises.
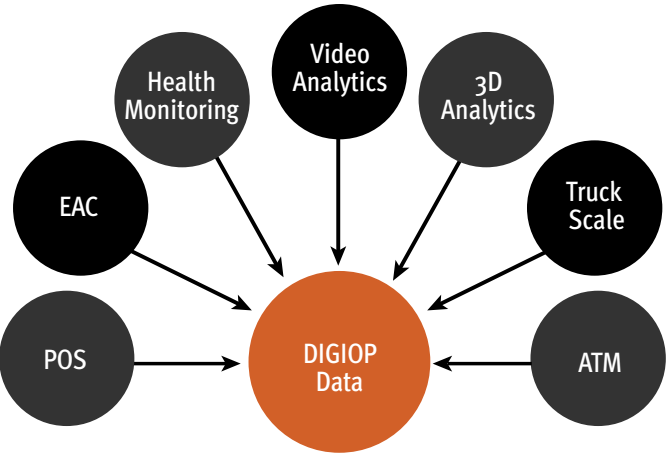
Powerful Capabilities

Auto-discover, configure and record IP devices and enable managers to establish global and local level permissions for systems, cameras, and data streams. Easily manage numerous sites, users, and layout groups.

Servers

Integration with Your Data and Devices

Video integration with applications such as point-of-sale (POS), time and attendance, and access control systems, brings real power to your video.

Get the most out of DIGIOP ELEMENTS™ with Integrations

Data Management Software Integrations

DIGIOP® data management software integrates video and data information from back-office systems, such as point-of-sale systems, access control systems, and video analytic devices. This results in synchronized streams of information which are viewed using a user-friendly dashboard. This exceptional technology enhances business intelligence by allowing real-time management of any types of data exceptions.

Point-of-Sale Systems
- Fraudulent Transactions
- Real-Time Exception Reporting
- Data-Based Searching Tools
- Real-time Trending Charts
- Conversion Rates

Access Control Systems
- Monitor events from access control
- Remotely lock and unlock doors

Video Analytic Devices
- Employee Speed & Quality of Service
- Customer Queue Lengths & Wait Times
- People Counting
- Area Occupancy & Traffic Patterns
- Customer Behavior
- Removed Object Detection
- Staffing Levels

Never Pay for Camera Licensing Again!

All DIGIOP servers feature DIGIOP's unique Open IP License. When you purchase a DIGIOP server, all channels are open—enabling you to add as many cameras as you need (up to the 32-channel max per system), WITHOUT having to purchase additional licenses. Plus—there are NO recurring fees!

The Power Behind Integrations: Rules and Actions

Users can create *Rules* about what happens when certain events occur in a system, or the cameras and devices connected to it. To provide maximum flexibility, *Rules* can be configured globally for all systems associated with a customer account. Users can name accounts individually for each system or for each camera or device on a system. Additionally, *Rules* can be configured to execute in real-time or on certain frequencies such as: every minute, every 15 minutes, every hour, day or week. Users can also define *Actions* that are performed when a *Rule* is broken. *Actions* can include:

- Sending an email alert to a user
- Sending information about the event to the Notification tab
- Forwarding Counts to an FTP site
- Digital Input/Output to Phidgets (USB device)
- Digital Output to the recorder/camera
- Triggering video sensors

Integration with infinias IP-based Access Control

Get the most out of integrations by utilizing both DIGIOP® ELEMENTS Video Management and infinias Intelli-M Access Access Control. They use TCP/IP for two-way communication between platforms to allow:
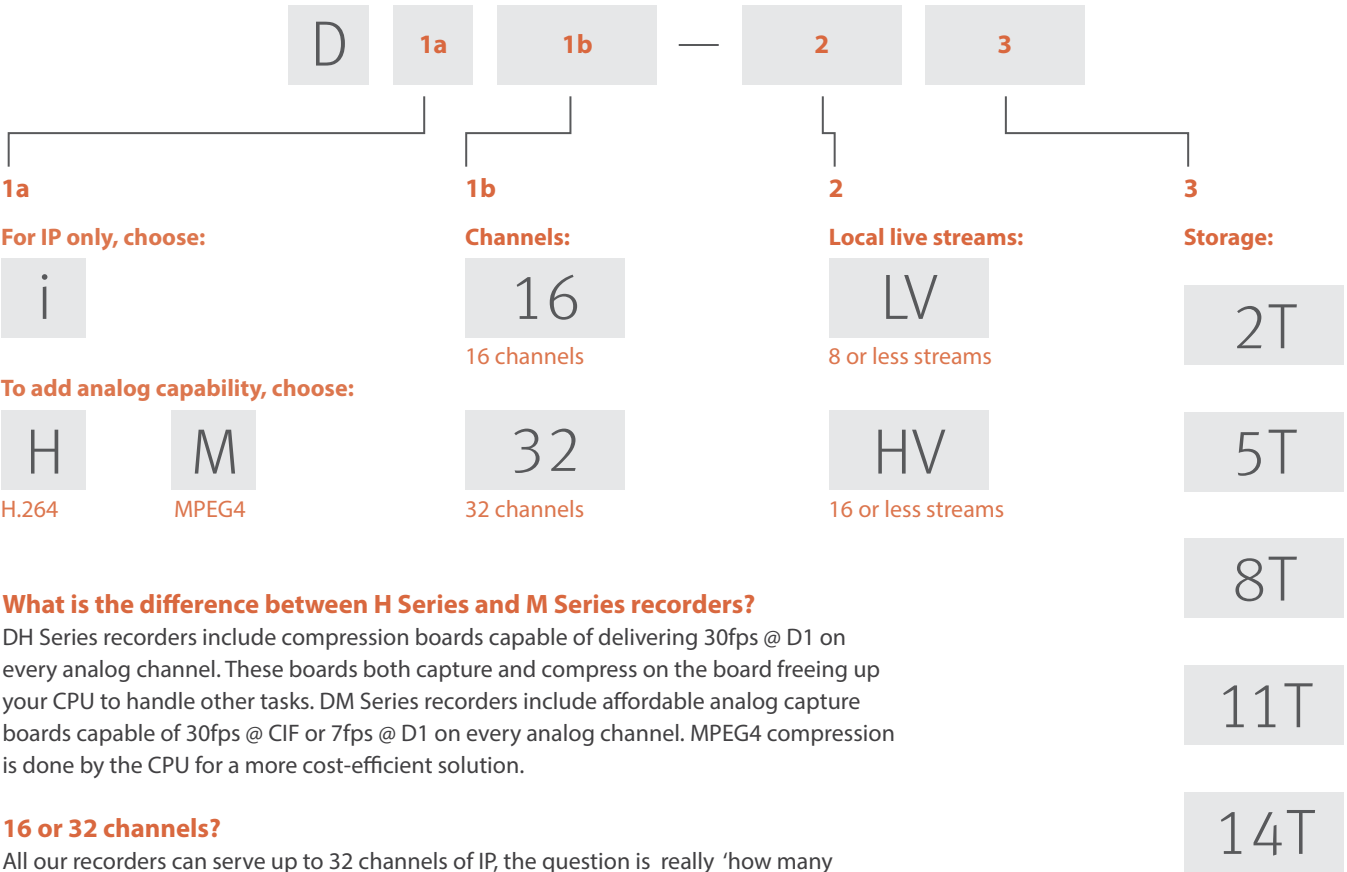
- infinias to trigger DIGIOP to record on Access Control Events
- DIGIOP ELEMENTS to trigger doors to unlock in Intelli-M Access via the DIGIOP Connect UI

Setting up DIGIOP as a peripheral in Intelli-M Access allows the user to leverage DIGIOP's rules feature. Rules can send access control events to DIGIOP, such as "door forced open" and "access denied." This allows the user to search recorded video by access control data (events). Rules can also trigger recordings.

By combing both programs with this powerful feature, the possibilities are limitless.

How to Order DIGIOP Servers

Use the chart below to help you choose the right server for your needs.

D	1a	1b	—	2	3

1a
For IP only, choose:

i

To add analog capability, choose:

H
H.264

M
MPEG4

1b
Channels:

16
16 channels

32
32 channels

2
Local live streams:

LV
8 or less streams

HV
16 or less streams

3
Storage:

2T

5T

8T

11T

14T

What is the difference between H Series and M Series recorders?

DH Series recorders include compression boards capable of delivering 30fps @ D1 on every analog channel. These boards both capture and compress on the board freeing up your CPU to handle other tasks. DM Series recorders include affordable analog capture boards capable of 30fps @ CIF or 7fps @ D1 on every analog channel. MPEG4 compression is done by the CPU for a more cost-efficient solution.

16 or 32 channels?

All our recorders can serve up to 32 channels of IP, the question is really 'how many analog channels do you want?' As you transition to IP over time, just replace the analog camera with an IP camera. No new license needed and no added cost.

> **Want to use DIGIOP with POS registers and other third-party integrations?** Add DIGIOP Data, the unlimited data license that unlocks all data integrations for a server. You get unlimited data for the life of the server for a one-time fee.

Add 3S Cameras to Complete Your Video Management Solution

3S is a leader in the worldwide IP surveillance market. They are devoted to delivering high quality surveillance products that incorporate industry-leading research and development with the latest technology. Our comprehensive IP-based surveillance solutions are ideal for a wide variety of environments and uses and deliver the highest quality images. 3S is seamlessly integrated with the DIGIOP solution for simlified installation and reliable performance in the field.

	FORM FACTOR	MP	OUTDOOR	INDOOR	FPS	CODEC	POE
3S N3072	Dome	2.0	✔		15	H.264/MJPEG	✔
3S N9071	Dome	2.0		✔	15	H.264/MJPEG	✔
3S N9073	Dome	2.0		✔	15	H.264/MJPEG	✔
3S N3011	Dome	5.0	✔		15	H.264/MJPEG	✔
3S N6013	Bullet	5.0	✔		15	H.264/MJPEG	✔

Contact Us

Tel: 317.348.1086 / Toll Free: 866.496.5783 / Fax: 888.527.7506

www.infinias.com / **sales@infinias.com**

infinias